

## DESIGN TOOL ROOM DOOR ALARM AT89C51 microcontroller

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### ABSTRACT

Microprocessor and microcomputer technology is a new technology that is currently being developed. One of them is a microcontroller technology, which is an application of artificial intelligence material that resembles the concept of the human mind.

With a microcontroller, there are many applications that can be used, for example a microcontroller technology is the sensor, which is used as a tool that can control a sound and light alarm on a door supervisor. This application is expected to assist the householder in order to monitor the room where the door was open at night or at certain times.

Keywords: AT89C51 microcontroller, sensor

